

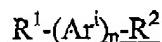
Appl. No. 09/833,201  
Amdt. Dated March 31, 2004  
Reply to Office Action of February 20, 2004

Amendments to the Claims

Claims 1-3, 8, and 9 were pending in the Office Action. In response claims 8 and 9 have been amended pursuant to the Examiner's suggestion.

1. (cancelled)
2. (cancelled)
3. (cancelled)
4. (cancelled)
5. (withdrawn)
6. (withdrawn)
7. (withdrawn)

8. (currently amended) A compound of claim 1 An oligomeric para-phenylene compound having the formula:



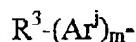
wherein

the subscript n is an integer of from 5 to 15;

the superscript i is an integer of from 1 to n and denotes the position downstream from R<sup>1</sup>:

each Ar<sup>i</sup> group is a substituted or unsubstituted aryl group, with at least one Ar<sup>i</sup> group being selected from phenylene having from 1 to 4 halogen substituents;

R<sup>1</sup> and R<sup>2</sup> are each substituents that increase the solubility of the para-phenylene compound in nonpolar organic solvents relative to the solubility of the corresponding compound and wherein R<sup>1</sup> and R<sup>2</sup> are each independently substituents having the formula:



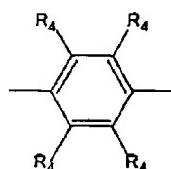
wherein

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the subscript m is an integer of from 1 to 5;  
each Ar<sup>i</sup> is selected from the group consisting of  
a) a 1,4-phenylene group having the formula:



wherein each R<sup>4</sup> is a member independently selected from the group consisting of H, substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkyl, substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkoxy, substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkylamino, substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkylthio, substituted or unsubstituted di(C<sub>1</sub>-C<sub>12</sub>) alkylamino, substituted or unsubstituted arylamino, substituted or unsubstituted diarylamino and halogen, with the proviso that at least two of the four R<sup>4</sup> substituents are independently selected from substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkyl and substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkoxy, and

b) an aryl biradical selected from the group consisting of 1,4-naphthylene, 1,4-anthrylene, 9,10-anthrylene, 5,6,7,8-tetrahydronaphth-1,4-ylene, 9,9',10,10'-tetra(C<sub>1</sub>-C<sub>12</sub>)alkyl-9,10-dihydroanthr-1,4-ylene, 9,9',10,10'-tetraaryl-9,10-dihydroanthr-1,4-ylene, 9,9',10,10'-tetra(C<sub>1</sub>-C<sub>12</sub>)alkyl-9,10-dihydroanthr-2,6-ylene, 9,9',10,10'-tetraaryl-9,10-dihydroanthr-1,4-ylene; and

R<sup>3</sup> is selected from the group consisting of H, substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkyl, substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkylamino, substituted or unsubstituted (C<sub>1</sub>-C<sub>12</sub>) alkylthio, substituted or unsubstituted di(C<sub>1</sub>-C<sub>12</sub>) alkylamino, substituted or unsubstituted arylamino, substituted or unsubstituted diarylamino and halogen; and

with the proviso that the Ar<sup>i</sup> groups are linked together in a 1,4-paraphenylene manner.

9. (original) A compound of claim 8, wherein m is an integer of from 1 to 3.

10 – 29. (canceled)

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30. (new) A compound of claim 8, wherein n is 5 and R<sup>1</sup> and R<sup>2</sup> are -(Ar<sup>j</sup>)<sub>m</sub>-R<sup>3</sup> wherein Ar<sup>j</sup> is substituted or unsubstituted phenylene and m is 1.